WEST Search History



DATE: Monday, August 16, 2004

Hide?	<u>Set</u> Name	Query	<u>Hit</u> Count
DB = PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR = YES; OP = OR			
	L10	L9 and succinamid\$	8
	L9	L8 and stroke\$	1314
	L8	sulfonamid\$ and (caspase\$ or interleukin\$ or ice or protease)near4(inhibit\$ or antagonist\$)	3269
- Control	L7	L6 and (inhibitor\$).ti.	28
	L6	L4 and inhibitor\$	97
V Assessment	L5	L4 and succinamid\$	0
8 m	L4	L3 and stroke\$	98
	L3	12 and aspart\$	208
e a sa	L2	L1 and (caspase\$ or interleukin\$ or ice or protease)near4(inhibit\$ or antagonist\$)	488
	L1	(warner)near2(lambert\$) or (BASF)near3(aktieng\$)	18974

END OF SEARCH HISTORY

(FILE 'HOME' ENTERED AT 14:24:33 ON 16 AUG 2004) FILE 'STNGUIDE' ENTERED AT 14:24:43 ON 16 AUG 2004 FILE 'HOME' ENTERED AT 14:24:56 ON 16 AUG 2004 FILE 'CAPLUS, EMBASE, BIOSIS, MEDLINE, WPIDS' ENTERED AT 14:25:06 ON 16 AUG 2004 3774 S (AUTOLYSIS?)/TI L14 S L1 AND (INTERLEUKIN?)/TI L2FILE 'STNGUIDE' ENTERED AT 14:25:49 ON 16 AUG 2004 FILE 'CAPLUS, EMBASE, BIOSIS, MEDLINE, WPIDS' ENTERED AT 14:32:14 ON 16 AUG 2004 161 S (CAPRATHE, B? OR CAPRATHE B?)/AU, IN L31565 S (GILMORE, J? OR GILMORE J?)/AU, IN L4154 S (HARTER, W? OR HARTER W?)/AU, IN L5 53 S (GALATSIS, P? OR GALATSIS P?)/AU,IN L6 134 S (KOSTLAN, C? OR KOSTLAN C?)/AU,IN Ь7 L81996 S L3 OR L4 OR L5 OR L6 OR L7 54 S (INTERLEUKIN? OR ICE OR CASPASE? OR CYSTEINE? OR PROTEASE?) (3 L9 30 DUP REM L9 (24 DUPLICATES REMOVED) L10 FILE 'STNGUIDE' ENTERED AT 14:36:59 ON 16 AUG 2004 FILE 'CAPLUS, EMBASE, BIOSIS, MEDLINE, WPIDS' ENTERED AT 14:37:25 ON 16 AUG 2004 FILE 'STNGUIDE' ENTERED AT 14:39:28 ON 16 AUG 2004 FILE 'CAPLUS, EMBASE, BIOSIS, MEDLINE, WPIDS' ENTERED AT 14:39:49 ON 16 AUG 2004 19 S (HOMO) (2A) (VAL OR VAL) L11 L12 12 DUP REM L11 (7 DUPLICATES REMOVED) L13 10 S L10 AND (BENZENESULFON? OR SULFONAMID? OR BENZENESULPHON?) 23233 S (BETA) (3A) (AMINO) (2A) (ACID?) L14 293 S (INTERLEUKIN? OR ICE OR CASPASE? OR CYSTEINE? OR PROTEASE?) (3 L15 23 S (INTERLEUKIN? OR ICE OR CASPASE?) (3A) (INHIBIT?) AND L15 L16 L17 18 DUP REM L16 (5 DUPLICATES REMOVED)

- L10 ANSWER 24 OF 30 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
- AN 1997:197761 BIOSIS
- DN PREV199799496964
- TI Design, synthesis and SAR of benzenesulfonamide derivatives as inhibitors of complement C1r protease for the treatment of inflammatory processes.
- AU Cai, Cuiman; Plummer, Janet S.; Hays, Sheryl J.; Gilmore, John L.; Emmerling, Mark R.; Wang, Kevin; Jaen, Juan C.
- CS Parke-Davis Pharmaceutical Res. Div., Warner-Lambert Co., 2800 Plymouth Road, Ann Arbor, MI 48105, USA
- SO Abstracts of Papers American Chemical Society, (1997) Vol. 213, No. 1-3, pp. MEDI 87.

 Meeting Info.: 213th National Meeting of the American Chemical Society.

San Francisco, California, USA. April 13-17, 1997.

CODEN: ACSRAL. ISSN: 0065-7727.

DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)

LA English

ED Entered STN: 2 May 1997 Last Updated on STN: 2 Jun 1997

=> d ab

L10 ANSWER 1 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1 As series of sulfonamides (1) has been prepared as inhibitors of interleukin-1 β converting enzyme (ICE), also known as caspase 1. These compds. were designed to improve potency by rigidifying the enzyme bound mol. through an intramol. hydrogen bond. An X-ray crystal structure of a representative member of this series bound to the active site of ICE, confirms the presence of the hydrogen bonding interaction.

=> d abs

L10 ANSWER 1 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1 AB A series of sulfonamides (1) has been prepared as inhibitors of interleukin-1 β converting enzyme (ICE), also known as caspase 1. These compds. were designed to improve potency by rigidifying the enzyme bound mol. through an intramol. hydrogen bond. An X-ray crystal structure of a representative member of this series bound to the active site of ICE, confirms the presence of the hydrogen bonding interaction.

- L10 ANSWER 23 OF 30 CAPLUS COPYRIGHT 2004 ACS on STN
- AN 1997:161919 CAPLUS
- ED Entered STN: 10 Mar 1997
- TI Design, synthesis and SAR of benzenesulfonamide derivatives as inhibitors of complement Clr protease for the treatment of inflammatory processes.
- AU Cai, Cuiman; Plummer, Janet S.; Hays, Sheryl J.; Gilmore, John L.; Emmerling, Mark R.; Wang, Kevin; Jaen, Juan C.
- CS Parke-Davis Pharmaceutical Research Division, Warner-Lambert Company, Ann Arbor, MI, 48105, USA
- SO Book of Abstracts, 213th ACS National Meeting, San Francisco, April 13-17 (1997), MEDI-087 Publisher: American Chemical Society, Washington, D. C. CODEN: 64AOAA
- DT Conference; Meeting Abstract
- LA English
- AB Serine proteases are a group of endopeptidase enzymes that have a serine amino acid in their active center. C1r in the complement system is serine protease and provides a critical and multifaceted defense system in the host defense against infection. Using 2-substituted 4H-3,1-benzoxazin-4-one and benzthiazin-4-one as our template, and following a topliss tree anal., we synthesized a series of benzenesulfonamide derivs. as potent C1r inhibitors with improved activity. The design, synthesis and structure activity relationship of these improved inhibitors will be presented.

```
DN
     137:370355
ΤI
     Preparation of .beta.-amino acid
     arylsulfonamide ether derivatives as inhibitors of
     interleukin-1\beta converting enzyme
     Knobelsdorf, James; Hays, Sheryl; Stankovic, Charles J.; Para, Kimberly
IN
     S.; Connolly, Michael K.; Galatsis, Paul; Harter, William; Shahripor,
     Aurash B.; Plummer, Mark Stephen; Lunney, Beth; Janssen, Bernd; Fell, Jay
     Bradford
     Abbott G.m.b.H. & Co. K.-G., Germany; Warner-Lambert Company; et al.
PA
     PCT Int. Appl., 214 pp.
SO
     CODEN: PIXXD2
DT
     Patent
LA
     English
FAN.CNT 1
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                         KIND
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                                            APPLICATION NO.
                                                                   DATE
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                         A3
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             GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
             LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PL,
             PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA,
             UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
             CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
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PRAI US 2001-289950P
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     WO 2002-US15002
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                                20020510
OS
    MARPAT 137:370355
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ANSWER 3 OF 18 CAPLUS COPYRIGHT 2004 ACS on STN

2002:868699 CAPLUS

AN

69/674,812

(FILE 'HOME' ENTERED AT 15:08:27 ON 16 AUG 2004)

FILE 'REGISTRY' ENTERED AT 15:08:42 ON 16 AUG 2004

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L2 9581 S L1 SSS FULL

FILE 'CAPLUS' ENTERED AT 15:10:01 ON 16 AUG 2004

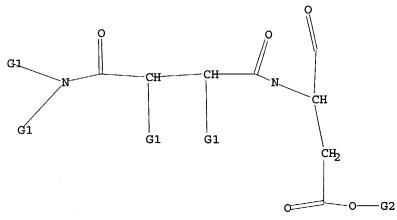
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L4 13 S L3 AND (SULFONYL? OR SULPHONYL?)

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 H, Ak, Cb, Cy, Hy

G2 H, Ak

Structure attributes must be viewed using STN Express query preparation.

=>

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AN
     1999:262147 CAPLUS
DN
     130:308784
     Novel fluorescent reporter molecules and their applications including
TI
     assays for caspases
     Weber, Eckard; Cai, Sui Xiong; Keana, John F. W.; Drewe, John A.; Zhang,
IN
     Han-Zhong
     Cytovia, Inc., USA
PCT Int. Appl., 203 pp.
PA
SO
     CODEN: PIXXD2
DT
     Patent
LA
     English
FAN.CNT 1
                                           APPLICATION NO.
                                                                   DATE
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                         A1
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             DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG,
             KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,
             NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,
             UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
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             CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
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     US 1998-33661
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     US 1998-168888
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     WO 1998-US21231
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os
     MARPAT 130:308784
              THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
RE.CNT 4
              ALL CITATIONS AVAILABLE IN THE RE FORMAT
     ANSWER 11 OF 13 CAPLUS COPYRIGHT 2004 ACS on STN
L4
     1995:487827 CAPLUS
AN
DN
     122:240452
     Preparation of [[[(amidinophenyl)amino]dioxoalkyl]amino]alkanoates as
TI
     platelet aggregation inhibitors.
     Bovy, Philippe R.; Rico, Joseph G.; Rogers, Thomas E.; Tjoeng, Foe S.;
ΙN
     Zablocki, Jeffery A.
PΑ
     G.D. Searle and Co., USA; Monsanto Co.
SO
     U.S., 36 pp. Cont.-in-part of U.S. 5,239,113.
     CODEN: USXXAM
DT
     Patent
LA
     English
FAN.CNT 4
                         KIND
                                            APPLICATION NO.
                                                                   DATE
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                                DATE
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                                                                   19921006
                                19940906
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ΡI
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                         Α
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ANSWER 10 OF 13 CAPLUS COPYRIGHT 2004 ACS on STN

L4

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19921006
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     ANSWER 12 OF 13 CAPLUS COPYRIGHT 2004 ACS on STN
L4
     1993:539779 CAPLUS
ΑN
DN
     119:139779
     Preparation of substituted \beta-amino acid derivatives useful as
TT
     platelet aggregation inhibitors
     Bovy, Philippe Roger; Rico, Joseph Gerace; Rogers, Thomas Edward; Tjoeng,
TN
     Foe Siong; Zablocki, Jeffery Alan
     Monsanto Co., USA; G.D. Searle and Co.
PΑ
     PCT Int. Appl., 140 pp.
SO
     CODEN: PIXXD2
DT
     Patent
     English
LΑ
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OS
     MARPAT 119:139779
     ANSWER 13 OF 13 CAPLUS COPYRIGHT 2004 ACS on STN
L4
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^{1993:22602} CAPLUS ΑN

DN 118:22602

Application of arylsulfonyl side-chain protected arginines in solid-phase TI peptide synthesis based on 9-fluorenylmethoxycarbonyl amino protecting strategy

- Fischer, Peter M.; Retson, Kim V.; Tyler, Margaret I.; Howden, Merlin E. ΑU
- CS
- Deakin Res., North Ryde, Australia International Journal of Peptide & Protein Research (1992), 40(1), 19-24 SO CODEN: IJPPC3; ISSN: 0367-8377
- Journal \mathtt{DT}
- LA English

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L4 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2004 ACS on STN IT 149727-40-2P 162207-12-7P RL: BAC (Biological activity or effector, except activity of the statement of
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RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of [[[(amidinophenyl)amino]dioxoalkyl]amino]alkanoates as platelet aggregation inhibitors)

RN 149727-40-2 CAPLUS

Butanoic acid, 3-[[4-[[4-(aminoiminomethyl)phenyl]amino]-1,4-dioxobutyl]amino]-4-(hydroxyamino)-4-oxo-, (S)-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

CM 1

CN

CRN 149727-39-9 CMF C15 H19 N5 O6

Absolute stereochemistry.

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 162207-12-7 CAPLUS

CN L-Aspartic acid, N-[4-[[4-(aminoiminomethyl)phenyl]amino]-1,4-dioxobutyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 162146-67-0 CMF C15 H18 N4 O6

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2

CRN 76-05-1 CMF C2 H F3 O2

-(FILE 'HOME' ENTERED AT 15:48:23 ON 16 AUG 2004)

FILE 'REGISTRY' ENTERED AT 15:48:43 ON 16 AUG 2004

STRUCTURE UPLOADED

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FILE 'REGISTRY' ENTERED AT 15:55:21 ON 16 AUG 2004

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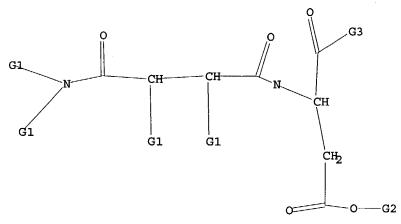
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L1

L1 HAS NO ANSWERS

L1

STR



G1 H, Ak, Cb, Cy, Hy

G2 H, Ak

G3 H, Ak

Structure attributes must be viewed using STN Express query preparation.

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ANSWER 4 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
L3
     1998:251152 CAPLUS
AN
     128:321926
DN
     Preparation of aspartate ester inhibitors of interleukin-1\beta
ΤI
     converting enzyme
     Albrecht, Hans P.; Allen, Hamish John; Brady, Kenneth Dale; Caprathe,
IN
     Bradley William; Gilmore, John Lodge; Harter, William Glen; Hays, Sheryl
     Jeanne; Kostlan, Catherine Rose; Lunney, Elizabeth Ann; Para, Kimberly
     Suzanne; et al.
PA
     Warner-Lambert Company, USA
     PCT Int. Appl., 179 pp.
SO
     CODEN: PIXXD2
DT
     Patent
     English
LA
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             SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ,
         RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR,
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             GN, ML, MR, NE, SN, TD, TG
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                                19990609
                                             NO 1999-1677
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L3 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN

ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 206863-71-0P 206863-77-6P 206863-84-5P 206863-88-9P 206864-70-2P 206864-71-3P 206865-45-4P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of aspartate ester inhibitors of interleukin-1 β converting enzyme)

RN 206863-71-0 CAPLUS

CN 1-Naphthaleneacetic acid, 3-[(4-amino-2-methyl-1,4-dioxobutyl)amino]-4-carboxy-2-oxobutyl ester (9CI) (CA INDEX NAME)

RN 206863-77-6 CAPLUS

CN 1-Naphthaleneacetic acid, 3-[[(2S)-4-amino-2-methyl-1,4-dioxobutyl]amino]-4-carboxy-2-oxobutyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 206863-84-5 CAPLUS
CN 1-Naphthaleneacetic acid, 3-[(4-amino-1,4-dioxobutyl)amino]-4-carboxy-2-oxobutyl ester (9CI) (CA INDEX NAME)

RN 206863-88-9 CAPLUS

CN 1-Naphthaleneacetic acid, 4-carboxy-3-[[2-methyl-1,4-dioxo-4-[(2-phenylethyl)amino]butyl]amino]-2-oxobutyl ester (9CI) (CA INDEX NAME)

RN 206864-70-2 CAPLUS

CN 1-Naphthaleneacetic acid, 3-[[(2S)-4-amino-2-(1-methylethyl)-1,4-dioxobutyl]amino]-4-carboxy-2-oxobutyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 206864-71-3 CAPLUS

CN 1-Naphthaleneacetic acid, 4-carboxy-3-[[2-(1-methylethyl)-1,4-dioxo-4-[(2-phenylethyl)amino]butyl]amino]-2-oxobutyl ester (9CI) (CA INDEX NAME)

RN 206865-45-4 CAPLUS

CN 1-Naphthaleneacetic acid, 3-[[4-amino-2-(1-methylethyl)-1,4-dioxobutyl]amino]-4-carboxy-2-oxobutyl ester (9CI) (CA INDEX NAME)

IT 206864-81-5P 206864-98-4P 206864-99-5P

206865-29-4P 206865-30-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of aspartate ester inhibitors of interleukin-1 β converting enzyme)

RN 206864-81-5 CAPLUS

CN 1-Naphthaleneacetic acid, 3-[[(2S)-4-amino-2-methyl-1,4-dioxobutyl]amino]-5-(1,1-dimethylethoxy)-2,5-dioxopentyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 206864-98-4 CAPLUS

CN Pentanoic acid, 5-bromo-3-[[2-methyl-1,4-dioxo-4-[(2-phenylethyl)amino]butyl]amino]-4-oxo-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 206864-99-5 CAPLUS

CN 1-Naphthaleneacetic acid, 5-(1,1-dimethylethoxy)-3-[[2-methyl-1,4-dioxo-4-[(2-phenylethyl)amino]butyl]amino]-2,5-dioxopentyl ester (9CI) (CA INDEX NAME)

RN 206865-29-4 CAPLUS

CN Pentanoic acid, 5-bromo-3-[[(2S)-2-(1-methylethyl)-1,4-dioxo-4-[(phenylmethoxy)amino]butyl]amino]-4-oxo-, phenylmethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

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RN 206865-30-7 CAPLUS

CN 1-Naphthaleneacetic acid, 3-[[(2S)-2-(1-methylethyl)-1,4-dioxo-4-[(phenylmethoxy)amino]butyl]amino]-2,5-dioxo-5-(phenylmethoxy)pentyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.